

PARA-TOLUENE SULFONAMIDE (Ketjenflex[®] 6)

APPLICATIONS

Para-toluene sulfonamide is a chemical building block for many different chemical processes. Applications include:

Component in fluorescent pigments
Intermediate in dye stuffs
Intermediate in pharmaceutical preparations
Plasticizer in melamine coating and laminating resins
Brightener in electroplating formulations
Raw material in the manufacture of plasticizers and resins

CHEMICAL NAME

Para-Toluenesulfonamide
(CAS-NO.: 70-55-3), (EEC-NO.: 200-741-1)

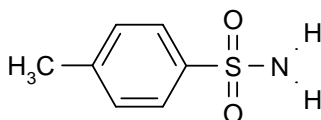
MOLECULAR FORMULA

C₇H₉NO₂S

MOLECULAR MASS

171.2

STRUCTURE



SPECIFICATIONS

Assay	: ≥ 99.5 %
Crystallisation point	: ≥ 136.8 °C
Water	: ≤ 0.2 %
Colour *)	: ≤ 25 Pt/Co
Ortho-toluenesulfonamide	: ≤ 0.3 %
Meta-toluenesulfonamide	: ≤ 0.1 %
Ammonium	: ≤ 15 mg/kg

*) 33 % solution in acetone

The test methods to which these specifications refer are available on request.

The information presented herein is true and accurate to the best of our knowledge, but without any guarantee unless explicitly given. Since the conditions of use are beyond our control, we disclaim any liability, including for patent infringement, incurred in connection with the use of these products, data or suggestions.

PARA-TOLUENE SULFONAMIDE

MAIN CHARACTERISTICS

Appearance:	white crystalline powder
Boiling point:	221 °C (1.33 kPa)
Flash point:	202 °C (Pensky-Martens, closed cu p)
Vapour pressure:	352 Pa (189 °C)
Apparent bulk density:	730 -760 kg/m ³
Solubility in water:	3.2 g/l (25 °C)

TOXICOLOGICAL AND ECOTOXICOLOGICAL INFORMATION

Acute toxicity, oral LD50, rat	2330 mg/kg
Genotoxicity, Ames test:	not mutagenic

Daphnia Magna, 24h- EC50	150 mg/l
--------------------------	----------

Biotic degradation	readily biodegradable
--------------------	-----------------------

PTSA is approved by the U.S. Food and Drug Administration (FDA) according to Code of Federal Regulation 21:

175.105 Indirect food additives: adhesives and components of coatings

For more detailed information ask for the separate Safety Data Sheet.

PACKAGING

25 kg 3 ply paper bags, 35 on a pallet.

STORAGE

Keep packaging well closed. Store in a cool and dry place.

FURTHER INFORMATION

For transport, handling and first aid instructions please refer to the Safety Data Sheet, which is available on request.

For samples, technical service and further information, please contact your nearest agent, or:

Axcentive SARL
Chemin de Champouse
Quartier Violesi
13320 Bouc Bel Air
France
Tel. +33 4 42 69 40 90
Fax +33 4 42 69 40 99